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PTO/SB/05 (08-05)

Approved for use through 07/31/2006. OMB 0651-0032  
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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	F118ACIP
First Inventor	Diane K. Stewart
Title	Charged Particle Beam System
Express Mail Label No.	ER437384891 US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

- |  |  |
|--|--|
| <p>1. <input type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17)<br/><i>(Submit an original and a duplicate for fee processing)</i></p> <p>2. <input type="checkbox"/> Applicant claims small entity status.<br/>See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages <u>35 pp.</u>] <br/><i>(preferred arrangement set forth below)</i></p> <ul style="list-style-type: none"> <li>- Descriptive title of the invention</li> <li>- Cross Reference to Related Applications</li> <li>- Statement Regarding Fed sponsored R &amp; D</li> <li>- Reference to sequence listing, a table, or a computer program listing appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings (<i>if filed</i>)</li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul> <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets <u>9 pp.</u>]</p> <p>5. Oath or Declaration [Total Sheets _____]</p> <ol style="list-style-type: none"> <li><input type="checkbox"/> Newly executed (original or copy)</li> <li><input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i> <ol style="list-style-type: none"> <li><input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b><br/>Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</li> </ol> </li> </ol> <p>6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p> | <p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (<i>Appendix</i>)</p> <p>8. Nucleotide and/or Amino Acid Sequence Submission (<i>if applicable, all necessary</i>)       <ol style="list-style-type: none"> <li><input type="checkbox"/> Computer Readable Form (CRF)</li> </ol> </p> <p>b. Specification Sequence Listing on:</p> <ol style="list-style-type: none"> <li><input type="checkbox"/> CD-ROM or CD-R (2 copies); or</li> <li><input type="checkbox"/> Paper</li> </ol> <p>c. <input type="checkbox"/> Statements verifying identity of above copies</p> |
|--|--|

**ACCOMPANYING APPLICATION PARTS**

9.  Assignment Papers (cover sheet & document(s))
10.  37 CFR 3.73(b) Statement  Power of Attorney
11.  English Translation Document (*if applicable*)
12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations
13.  Preliminary Amendment
14.  Return Receipt Postcard (MPEP 503) *(Should be specifically itemized)*
15.  Certified Copy of Priority Document(s) (*if foreign priority is claimed*)
16.  Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17.  Other: *Copy of Extension of Time and Payment of..... Processing and Retention Fee in Parent App...*

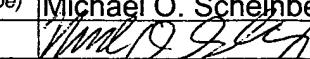
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation       Divisional       Continuation-in-part (CIP)      of prior application No.: 10/665,398.....

Prior application information: Examiner \_\_\_\_\_

For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

<input checked="" type="checkbox"/> Customer Number:	<u>25,784</u>		OR	<input type="checkbox"/> Correspondence address below		
Name	Michael O. Scheinberg					
Address	P.O. Box 164140					
City	Austin	State	TX	Zip Code	78716-4140	
Country	United States	Telephone	512-320-9200		Fax	512 306-1963
Name (Print/Type)	Michael O. Scheinberg	Registration No. (Attorney/Agent)	36,919			
Signature						

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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# FEE TRANSMITTAL

## for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 550.00)

## Complete if Known

Application Number	10/665,398
Filing Date	September 18, 2003
First Named Inventor	Diane K. Stewart
Examiner Name	Not Yet Assigned
Art Unit	2881
Attorney Docket No.	F118A

## METHOD OF PAYMENT (check all that apply)

 Check  Credit card  Money Order  Other  None Deposit Account:

Deposit Account Number	50-1635
Deposit Account Name	

## The Director is authorized to: (check all that apply)

- Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) or any underpayment of fee(s)  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION (continued)

## 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1) (\$)			420

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims		Fee from below	Fee Paid
	-20** =	X		
Independent Claims				
Multiple Dependent	-3** =	X		

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1202 18	2202 9	Claims in excess of 20	
1201 86	2201 43	Independent claims in excess of 3	
1203 290	2203 145	Multiple dependent claim, if not paid	
1204 86	2204 43	** Reissue independent claims over original patent	
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2) (\$)			130.00

\*\*or number previously paid, if greater; For Reissues, see above

## 3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	
Other fee		8025 Processing & Retention Fee 37 CFR 1.21(l)	130.00

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 550.00)

## SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	Michael O. Scheinberg	Registration No. (Attorney/Agent)	36,919	Telephone	512-328-9510
Signature				Date	March 16, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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MICHAEL O. SCHEINBERG  
Patent Attorney

March 16, 2004

**Fax**

**COPY**

**Organization:** United States Patent and Trademark Office  
**Attention:** Commissioner for Patents  
**Fax:** 1-703-872-9306

**From:** Michael O. Scheinberg  
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Austin, TX 78716-4140  
(512) 328-9510

**Phone:** (512) 306-1963  
**Fax:** (512) 306-1963

**Date:** March 16, 2004  
**Atty Docket No.:** F118A

**Pages:** 4 Pages (*Including this coversheet*)

**APPL. NO.:** 10/665,398

**APPLICANTS:** Diane K. Stewart, W. Ralph Knowles and Brian T. Kimball

**FILING DATE:** September 18, 2003

**TITLE:** Charged Particle Beam System

Attached please find:

1. Fee Transmittal (in duplicate) for Extension Fee (2 month) and Processing and Retention Fee under 37 CFR 1.21(l).
2. Petition for Extension of Time Under 37 CFR 1.136(a)

Applicants are concurrently filing a new continuation-in-part application and are hereby extending the pendency in this application, so that is co-pending with the newly filed application.

The filing fee has not been paid in this application. In accordance with 37 CFR 1.78(a)(1)(iv) applicants hereby pay the processing and retention fee set forth in § 1.53(f).

  
Michael O. Scheinberg  
Reg. No.: 36,919

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<b>PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)</b>		Docket Number (Optional) F118A												
<table border="1"> <tr> <td colspan="2">In re Application of</td> <td>Diane K. Stewart</td> </tr> <tr> <td colspan="2">Application Number</td> <td>10/665,398</td> </tr> <tr> <td colspan="2">For</td> <td>Charged Particle Beam System</td> </tr> <tr> <td>Art Unit</td> <td colspan="2">Examiner</td> </tr> </table>			In re Application of		Diane K. Stewart	Application Number		10/665,398	For		Charged Particle Beam System	Art Unit	Examiner	
In re Application of		Diane K. Stewart												
Application Number		10/665,398												
For		Charged Particle Beam System												
Art Unit	Examiner													

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a reply in the above identified application.

The requested extension and appropriate non-small-entity fee are as follows (check time period desired):

- |  |                  |
|--|------------------|
| <input checked="" type="checkbox"/> One month (37 CFR 1.17(a)(1))  | \$ <u>420.00</u> |
| <input type="checkbox"/> Two months (37 CFR 1.17(a)(2))  | \$ _____         |
| <input type="checkbox"/> Three months (37 CFR 1.17(a)(3))  | \$ _____         |
| <input type="checkbox"/> Four months (37 CFR 1.17(a)(4))   | \$ _____         |
| <input type="checkbox"/> Five months (37 CFR 1.17(a)(5))   | \$ _____         |
| <br><b>COPY</b>  |                  |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Therefore, the fee amount shown above is reduced by one-half, and the resulting fee is: \$ _____.                |                  |
| <input type="checkbox"/> A check in the amount of the fee is enclosed.   |                  |
| <input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.  |                  |
| <input type="checkbox"/> The Director has already been authorized to charge fees in this application to a Deposit Account.   |                  |
| <input checked="" type="checkbox"/> The attached Fee Transmittal authorizes the Director to charge any fees which may be required, or credit any overpayment, to Deposit Account Number 50-1635. |                  |

I have enclosed a duplicate copy of this sheet.

I am the  applicant/inventor.

- |  |
|--|
| <input type="checkbox"/> assignee of record of the entire interest. See 37 CFR 3.71.<br>Statement under 37 CFR 3.73(b) is enclosed (Form PTO/SB/96). |
| <input checked="" type="checkbox"/> attorney or agent of record. Registration Number <u>36,919</u>   |
| <input type="checkbox"/> attorney or agent under 37 CFR 1.34(a).<br>Registration number if acting under 37 CFR 1.34(a) _____.                        |

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March 16, 2004

Date

Signature

(512) 328-9510

Telephone Number

Michael O. Scheinberg

Typed or printed name

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

- |  |
|--|
| <input type="checkbox"/> Total of _____ forms are submitted. |
|--|

This collection of information is required by 37 CFR 1.136(a). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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